



REMR MATERIAL DATA SHEET CM-SE-1.48

CONCRETE SEALER: TIAH

1. NAME

TIAH

2. MANUFACTURER

W. R. Meadows, Inc.
P.O. Box 543
Elgin, IL 60121
Telephone: 708-683-4500

3. DESCRIPTION

SEALTIGHT TIAH is an acrylic copolymer solution.

4. USES & LIMITATIONS

Uses: TIAH is used where a high or medium sheen is desired on the concrete and where a highly weatherproof, stain-resistant and dustproof sealer is required.

Limitations: TIAH is not resistant to aromatic solvents. Do not use TIAH as a waterproofing sealer on masonry surfaces.

5. MANUFACTURER'S TECHNICAL DATA

For technical data, contact manufacturer at address above.

Packaging: 1-gal can (6 per case)
5-gal pails
55-gal drums

Coverage:

Broomed surface -- 300 sq ft/gal
Troweled surface -- 500 sq ft/gal

6. MANUFACTURER'S GUIDANCE FOR APPLICATION

Application: Concrete must always be clean and dry prior to application; remove oil stains, etc. TIAH, used as received, may be applied by spray, brush or lamb's wool applicator. Apply at temperatures above 40 °F. Cleaning of application equipment may be done with Xylol or Toluol. TIAH dries to the touch in 30 min and to traffic in 1 hr.

TIAH may be applied in multiple coats to achieve the degree of protection and sheen desired; however, over-application and excessive build-up should be avoided.

TIAH may be used after application of CS-309 Curing & Sealing Compound to give a complete curing and sealing system. Other curing compounds, however, must be completely removed prior to application.

TIAH may be re-applied as traffic patterns appear.

Caution: TIAH is combustible. Extinguish all open flames and use with adequate ventilation. Avoid prolonged breathing of vapors and contact with skin. It is harmful or fatal if swallowed.

7. CORPS OF ENGINEERS' EVALUATION (tested as concrete sealers only)

Physical and mechanical properties:

Percent solid
(ASTM D 1644, Method A): 7.9%

Percent moisture absorption
(ambient temp) (ASTM C 642-82):

1 day	4.15%
2 days	4.32%
4 days	4.36%
7 days	4.40%

Ratio of percent moisture absorption
for treated to nontreated specimen
(2-day submersion): 91.9%

8. ENVIRONMENTAL CONSIDERATIONS

Reasonable caution should guide the preparation, repair, and cleanup phases of activities involving potentially hazardous and toxic chemical substances. Manufacturer's recommendations to protect occupational health and environmental quality should be carefully followed. Material safety data sheets must be obtained from the manufacturers of such materials. In cases where the effects of a chemical substance on occupational health or environmental quality are unknown, chemical substances should be treated as potentially hazardous toxic materials.